

ANNUAL OPERATIONS AND PROGRESS REPORT

From Month/Year Jan. 1983
to Month/Year Dec. 1983

(To be submitted for each mining operation at the end of each calendar year to the Division at this address:)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
4241 State Office Building
Salt Lake City, Utah 84114

OPERATOR: CONTINENTAL LIME INC. MINE NAME: CRICKET MOUNTAIN LIME PLANT

ADDRESS: P.O. BOX DELTA, UTAH 84624
32 MILES S.W. OF DELTA

PERMIT NUMBER AND DATE OF PERMIT: ACT/027/006

REPRESENTATIVE: DONALD G. WAKIN

SECTION(S): 25 & 26 TOWNSHIP(S): 21 S RANGE(S): 10 W

MINERAL(S) MINED: LIMESTONE

STATE AND/OR FEDERAL MINERAL LEASE NUMBERS: _____

SPECIAL USE PERMITS AND/OR RIGHTS-OF-WAY: _____

Section 40-8-15 and Rule M-8 of the Utah Mined Land Reclamation Act, requires each operator to include with this report an up-dated map and plan prepared in accordance with Rule M-3, as outlined in the requirements for annual report maps in Appendix I, providing a detailed status of all mining and reclamation activities which have occurred during the past year.

The report should include:

MINING:

(a) Tabulation of acreage disturbed (by pits, roads, facilities, etc.) during the report period with illustration on a current map.

<u>Disturbance</u>	<u>Acreage</u>
Pit	6
Roads	0
Facilities	-
Waste Dumps	2
Other	-

(b) Tabulation of acreage affected to date (by years).

<u>Date by Year</u>	<u>Acreage (Total)</u>
1975	
1976	
1977	
1978	
1979	
1980	1
1981	3
1982	4
1983	6

(c) Tabulation of all topsoil (new) stockpile volumes (see chart below) and date of stockpiling.

SOIL TABULATION CHART

Area Affected (in mining sequence) (If more space is needed, please attach.)	Area			
	1	2	3	etc.
Acreage of Area			0	
Depth of Topsoil Removal (inches)			0	
Depth of Topsoil Replacement (inches)*			0	
Estimate of Topsoil Volume Salvaged (yd ³ or ac ft)			0	
Volume Actually Salvaged (yd ³ or ac ft)			0	
Volume Required for Reclamation (yd ³ or ac ft)			N/A	
Surplus or Deficit Volume (yd ³ or ac ft)			N/A	
Storage Status (short- or long-term)			N/A	

Soil Tabulation Chart (continued)

Area Affected (in mining sequence)	Area			
	1	2	3	etc.
Storage Location	N/A			
Area Where Soil Has Been Used (if not stored)				
Running Total (all stockpiles) (yd ³ or ac ft)				
Short-term				
Long-term				

*Of previously stripped area recently reclaimed.

(d) Tabulation of all (newly removed) out-of-pit spoil volumes, date of placement and illustration on a map.

<u>Area</u>	<u>Date</u>	<u>Acreage</u>
N/A		

(e) Tabulation of quantity of commodity mined.

	<u>Commodity</u>	<u>Tonnage</u>
(Mined)	LIMESTONE	522,000
(Milled)		

(f) Description of any new construction during the report period with illustration on a map, including, but not limited to:

- Buildings and support facilities.
NONE

- Roads.
NONE

3. Diversion ditches, collector ditches, interceptor ditches, etc.
NONE

4. Culverts.
NONE

5. Sediment ponds, containment ponds.
NONE

6. Monitoring sites (vegetative, air quality, surface subsidence,
surface water or ground water, etc.).
N/A

7. Topsoil stockpiles.
N/A

(g) Description of any environmental problem areas with a proposed plan
for mitigation and illustration on a map, including, but not limited to:

1. Pit stability problems.
NONE

2. Subsidence.
NONE

3. Accidental water discharge, dam failure, etc.
NONE

4. Slumping, sliding or erosion.
NONE

5. Revegetation problem areas.
NONE

6. Existence and location of unsuitable (toxic) overburden.
NONE

RECLAMATION:

(a) Tabulation of the acreage reclaimed during the report period with illustration on a map, distinguishing between:

1. Backfilled, graded and contoured areas.

<u>Area</u>	<u>Acreage</u>
130,950	3

2. Topsoiled areas.

<u>Area</u>	<u>Acreage</u>
N/A	

3. Seeded areas.

<u>Area</u>	<u>Acreage</u>
NONE	

4. Reseeded areas (areas previously seeded, then seeded again).

<u>Area</u>	<u>Acreage</u>
NONE	

(b) Tabulation of total acreage reclaimed (seeded with permanent seed mix) to date by years with illustration on an updated map:

<u>Year</u>	<u>Acreage</u>
1975	
1976	
1977	
1978	
1979	
1980	NONE
1981	NONE
1982	NONE
1983	NONE
1984	

(c) Description of the reclamation procedures used during the report period, including:

1. Average depth of topsoil applied.
N/A

2. Type of seed (species) used for seeding during the report period.
NONE

3. Date of seeding during the report period.

Spring NONE

Fall

4. Seeding procedures used.

(Hand broadcast or drilled or any other).

NONE

5. Rate of seed application.

Pounds Per Acre of Pure Live Seed (PLS) (if varied, please explain)

NONE

6. Type and rate of fertilizer applied.

NONE

7. Type and rate of mulch applied.

NONE

8. Rate of irrigation water applied, if any. Please describe any type of sprinkling, or water applied (water truck, etc.).

NONE

9. Revegetation test plot information.

(Cover, density, productivity, etc.)

NONE

10. Soil analysis results.
NONE

(d) Description of results of previous revegetation efforts, including:
(This should be done as applicable.)

1. Types (species) of seed that have germinated and are growing.
NONE

2. Types (species) of seed that are not growing successfully.
N/A

3. Areas experiencing problems with weeds and weed types.
N/A

4. Significant erosional problems.
N/A

5. Areas of unsuitable overburden on the surface as related to
revegetation failure.
N/A

6. Procedures used or proposed to correct these problems.
N/A

7. Acreage and dates of release (upon inspection by the State) of revegetated areas.

<u>Area</u>	<u>Date</u>	<u>Acreage</u>
N/A		

8. Results of soil analysis.
N/A

(e) Summarization of the reclamation costs incurred during the report period, including itemized costs for each operation (i.e., grading, topsoil replacement, seeding, etc.) and for each type of disturbance (i.e., spoil, haul roads, facilities removal, etc.) on a per acre basis.

	<u>Acres</u>	<u>Cost/Acre</u>
1. Grading	N/A	
2. Backfilling	"	
3. Contouring	"	
4. Topsoil Replacement	"	
5. Seeding	"	
A. Seedbed Preparation	"	
B. Mulch	"	
C. Fertilizer	"	
D. Seed	"	
6. Other	"	

BOND INFORMATION:

- A. An updated bond estimate should be included, if required in the Division's approval of the Mining and Reclamation Plan (MRP) or if changes to the MRP have occurred, including a detailed itemization of actual/estimated reclamation costs as outlined in the RECLAMATION section above. The date of the release of revegetated areas from further responsibility for a partial bond release, if applicable, should also be included.

	<u>Amount</u>	<u>Type</u>	<u>Date Posted</u>
Present Bond	N/A		

Increased disturbance, if any:

Increased Bond Amount (attached reclamation estimate).

B. Bond release.

<u>Acres</u>	<u>Bond Amount Released</u>	<u>Date</u>
N/A		
N/A		
N/A		
N/A		

ADDITIONAL INFORMATION:

Supply any additional information as requested by the Division related to:

- (a) Permit stipulations (status).
- (b) Other special conditions (status).



CONTINENTAL LIME INC.

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**DIVISION OF
OIL, GAS & MINING**

March 14, 1984

Mr. James W. Smith, Jr.
State of Utah Natural Resources
4241 State Office Building
Salt Lake City, Utah 84114

Dear Mr. Smith:

Enclosed you will find the completed Annual Operations
and Progress Report for 1983.

If you have any questions, please advise.

Yours truly,
CONTINENTAL LIME INC.

Don Wakin
Plant Manager

DW:sw
enclosure